

Clackamas Community College

Online Course/Outline Submission System

 Show changes since last approval in red

Section #1 General Course Information

Department: Skills Development

Submitter

First Name: Lisa

Last Name: Nielson

Phone: 3401

Email: lisan

Course Prefix and Number: ASE - 062

Credits: .5

Contact hours

Lecture (# of hours):

Lec/lab (# of hours): 60

Lab (# of hours):

Total course hours: 60

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Science/Desert Ecology

Course Description:

Presents principles of desert ecology. Explores how organisms interrelate and adapt to life in desert environments, how deserts are formed, and human impact on deserts.

Type of Course: Developmental Education

Can this course be repeated for credit in a degree?

No

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: None

Requirements: Instructor consent

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

Pass/No Pass Only

Audit: Yes

When do you plan to offer this course?

✓ **Summer**

✓ **Fall**

✓ **Winter**

✓ **Spring**

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

No

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. analyze the effect desert climate on plant and animal life,
2. compare and contrast different types of deserts,

3. analyze natural forces impacting the formation of deserts,
4. discuss animal strategies for desert survival,
5. calculate energetic savings using a thermoregulation equation,
6. evaluate human impact of desert areas.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Introduction to desert ecology.
2. Animals in the desert.
3. Plants in the desert.
4. Human impact.
5. Virtual fieldtrip.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Next available term after approval

:
